

	<b>INLAND &amp; DEEP DRAFT NAVIGATION</b>	<b>ECOSYSTEM RESTORATION</b>	<b>FLOOD &amp; COASTAL STORM DAMAGE REDUCTION</b>	<b>WATERSHED / SYSTEM ASSESSMENT</b>	<b>PLANNING COMMUNITY OF PRACTICE</b>
<b>SESSION I TOPIC</b>	<b>Deep Draft Tool Applications</b>	<b>Innovative Analytical Procedures &amp; Tools</b>	<b>Formulation Approaches</b>	<b>Special Area Management Plans (SAMP)</b>	<b>Dam Removal for Ecosystem Restoration</b>
<b>MODERATOR</b>	<b>Kim Otto, SAM</b>	<b>Les Tong, SPD</b>	<b>Scott Clark, SPK</b>	<b>Robert Brumbaugh, IWR</b>	<b>Brad Thompson, MVR</b>
<b>BREAKOUT ROOM</b>	<b>Maryland - D</b>	<b>Maryland - C</b>	<b>Pride of Baltimore (6th Flr)</b>	<b>Maryland - F</b>	<b>Gibson (6th Flr)</b>
<b>TUESDAY 13 APRIL 8:30 - 10:00 TOPICS/ SPEAK- ERS</b>	Research into Relationships Applicable to Estimation of Vessel Loading and Transit Draft Estimation for Navigation Studies (Waters, US Naval Academy)	The Ecosystem Functions Model: A Tool for Restoration Planning (Hickey, IWR-HEC; Dunn, IWR-HEC)	Hamilton City Combined Plan Formulation (Scott Miner, SPK)	System Perspectives on 404 permit applications in Florida (Hall, SAJ; Barron, SAJ; Feather, PMCL)	Plan Formulation Considerations in Dam Removal for Restoration (Corynham , ERDC)
	Tidal Delay Model (K. Sudar,IWR)	Comparative Analysis of Management Alternatives for Dredged Material in NY/NJ Harbor (Kiker, ERDC; Bridges; ERDC)	FDR Issues in the Arid Southwest (Bergman, SPL)	System-perspectives on 404 permit applications in Florida (continued) (Hall, SAJ; Barron, SAJ; Feather, PMCL)	Goldsborough Creek Dam Removal and Stream Restoration Project Mason County, Washington (Smith, L., NWP)
	Deep-draft Harbor Vessel Simulation Model Case Study: Port Everglades (Moyer, SAJ)	Conceptual Models and Their Use In Ecosystem Projects (O'Neil, ERDC)	Demonstration Program in Arid Southwest (Jonas, ERDC)	SAMP for the San Diego Creek watershed: (Smith, ERDC; SPL)	Cuddebackville Dam Removal Project - Partnership with The Nature Conservancy (Mulvenna, NAP)
	HarborSym Model - Tampa Harbor System (Heisey-Olig, IWR)	Use of Formal Decision Making Methods for USACE Projects (Miller, ERDC)	Dam Operations for Flood Damage Reduction and Fish in the Upper Colombia Basin (Lewis, NWS)	SAMP for the San Diego Creek watershed (continued): (Smith, ERDC; SPL)	Lessons Learned from New England District Dam Removal Activities (Hubbard, NAE)

## CORPORATE ISSUES

SESSION II TOPIC	ECOSYSTEM BENEFITS ANALYSIS	REVIEW PERSPECTIVES FROM HQ & ASA-CW	CEQ NEPA TASK FORCE; EOP 2004	MONETIZING ECOSYSTEM SERVICES: AGENCY PANEL	PLANNING FOR REGIONAL SEDIMENT MANAGEMENT
MODERATOR	Richard Cole, IWR	Patricia Mutschler, HQUSACE	Bev Getzen, HQUSACE	Susan Durden, IWR	Lynn Martin, IWR
BREAKOUT ROOM	Maryland - D	Maryland - C	Pride of Baltimore (6th Flr)	Maryland - F	Gibson (6th Flr)
<b>TUESDAY</b> <b>13 APRIL</b> <b>10:30 -</b> <b>12:00</b> <b>TOPICS/</b> <b>SPEAKERS</b>	Presentations and Roundtable discussion on <b>"Improving Environmental Benefits Analysis in Ecosystem Restoration Planning"</b> as documented in recent IWR report, plus a <b>"Programmatic Assessment of Ecosystem Benefits and Costs in the Corps Restoration Program to Date"</b> Participants to include: Gene Stakhiv, IWR; Dick Cole, IWR, Paul Scodari, IWR; Mark McKevitt, ASA-CW)	Reviewers from HQ and ASA-CW host a frank discussion of the <b>most common issues that come up in review, and ways to improve your analyses and reports.</b> Ecosystem Restoration, Economic Development and combined purposes will be covered. Participants to include Jim Smyth (ASA-CW) and Steve Cone (HQUSACE)	A report and discussion of the recent multi-agency <b>NEPA Task Force</b> work, and potential implications for the Corps of Engineers by Rich Fristik and Meg Smith (IWR); and <b>perspectives on the Environmental Operating Principles</b> in 2004 by Beverly Getzen, Chief Environmental Planner, HQUSACE.	This panel will include presentations from <b>other Federal agencies on the techniques they use for valuing environmental services</b> , lessons learned and new tools in their five year plans. Speakers will be from EPA, NOAA and Dept. of Interior	<b>Regional Sediment Management applies a systems approach to managing sediment along the Nation's shores.</b> Demonstration projects in several districts are realizing cost savings in O & M plus greater economic and ecosystem benefits as a result of RSM. District and lab staff working on RSM will discuss their efforts to date and the future of RSM.

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<b>SESSION III TOPIC</b>	<b>Inland Economic Issues</b>	<b>Formulation and Evaluation</b>	<b>Non-Structural Formulation &amp; Evaluation</b>	<b>Watershed Tools &amp; Techniques</b>	<b>Applications in Planning Capability, Review, and Coordination</b>
<b>MODERATOR</b>	Jon Brown, LRB	Phil Boawn, SPA	Falcon Hull, MVN	Mark Harberg, SWD	Forester Einarsen, HQUSACE
<b>BREAKOUT ROOM</b>	Maryland - D	Maryland - C	Pride of Baltimore (6th Flr)	Maryland - F	Gibson (6th Flr)
<b>TUESDAY 13 APRIL 3:30 - 5:00 TOPICS/ SPEAK- ERS</b>	Economic Foundations of Ohio River Navigation Investment Model (Curlee, Oak Ridge)	Formulation Issues in Ecosystem CAP (Albert, SWD)	Evolution of a Non-structural Flood Damage Reduction Project at Newport, Minnesota (Bluhm, MVP)	Watershed Analysis with HEC-WAT (Watershed Analysis Tool) (Dunn, IWR-HEC)	External Independent Review Panel: Columbia River Project (Shenk, NWP)
	Willingness to pay for Water Transportation in the Ohio River Basin (Bray, TVA)	Lessons Learned from Assessing Restoration Studies Across the Nation (Webb, ERDC)	Non-structural Analysis on Rocky Creek in Augusta, Georgia (Bushnell, SAS)	Testing the Ability of the Willamette Basin Reservoir System to Meet Proposed Fish Flows (Hickey, IWR-HEC; NWP)	"Agreeing Before the Results Are Known" Interagency Coordination in the Savannah Harbor Expansion Project (Bailey, SAS)
	Inland Waterways - Future Utilization and Optimal Investment Strategy (Langdon, LRH)	Lessons Learned in Applying CE/ICA to Indian River Lagoon-South Project (Skaggs, SAJ)	New Uses of the Evacuated Flood Plain--Experience the Power (Buss, NWO)	Environmental Considerations in the Ohio Mainstem System Study (Swor, LRN; Canter, Univ. Oklahoma)	"Bulletproofing Decision Documents" (Laird, SWG; Bastian, Dawson & Assoc.)
	Measuring the Non-Traditional Effects of Inland Navigation (A. Sudar, IWR)	Linking Performance Measures to the Development of Habitat Units: the Experiences of the Indian River Lagoon - South Project (Traxler, USFWS)	Nonstructural Measures with HEC-FDA (Carl, IWR-HEC)	Prescriptive Reservoir Modeling and the ROPE Study (Needham, IWR-HEC; MVP)	Use of Intranet Sites to Maximize Effectiveness of Communities of Practice (Small, SAD; Lamarca, SAD)

## CORPORATE ISSUES

SESSION IV TOPIC	RESTORATION ON A LARGE SCALE: LESSONS TO DATE	NATIONAL ACADEMY OF SCIENCES SECTION 216	IJC LAKE ONTARIO-ST. LAWRENCE STUDY	A WATERSHED APPROACH IN PRACTICE: 4 KEY CONCEPTS	WATERSHED: POLICIES AND THE STRATEGIC PLAN
MODERATOR	Gary Hardesty, HQUSACE	Jeff Jacobs, NAS	Eugene Stakhiv, IWR	Jean O'Neil, ERDC	Bev Getzen, HQUSACE
BREAKOUT ROOM	Maryland - D	Maryland - C	Pride of Baltimore (6th Flr)	Maryland - F	Gibson (6th Flr)
<b>WEDNES-</b> <b>DAY 14</b> <b>APRIL</b> <b>10:30 -</b> <b>12:00</b> <b>TOPICS/</b> <b>SPEAK-</b> <b>ERS</b>	Efforts to restore ecosystems at a large scale present many challenges. <b>This session will present discussions of specific challenges, and approaches for addressing them in the restoration activities for the Everglades, the Upper Mississippi River System, and Coastal Louisiana.</b> Participants to include Dave Carney (MVN), Russ Reed (SAJ), and Ken Barr (MVR).	<b>Final reports</b> from the National Academies in response to Sec. 216 of WRDA 2000: panel on <b>"Project Planning;"</b> panel on <b>"River Basin and Coastal Systems Planning;"</b> panel on <b>"Adaptive Management,"</b> and an overarching <b>"Coordinating Committee"</b> . Presentations will be made by NAS panel chairs and NAS staff.	A session on the UJC Lake Ontario - St. Lawrence Study, a \$20M, 5-year bi-national, multiagency effort with much <b>Corps involvement in technical committees (leading shore erosion, recreational boating, M &amp; I water supply, and navigation) as well as leading the key Plan Formulation effort, highlighting the Shared Vision Planning approach.</b> Presentaters to include IJC and Corps staff involved in the study.	Practical dissussion on <b>implementing the four key concepts and principles of the Watershed Approach:</b> systems view; spatial/geographic integration; balanced use; and collaborative action. <b>Overview of available tools</b> and their uses. <b>Case applications</b> and lessons learned from field experience. <b>Interactive exercise to begin building a Watershed Approach notebook.</b>	<b>Examining the implications of the new CW Strategic Plan for the Corps and our partners;</b> discuss how implementation of the goals and objectives of the Strategic Plan may affect field planning and management; examine potential budget impacts; discover legislative implications; explore emerging concepts for how the watershed approach affects decision-making nationally and locally; <b>participate in identifying issues and concerns.</b>

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<b>SESSION V TOPIC</b>	<b>Environmental Considerations and Navigation</b>	<b>Innovative Analytical Procedures &amp; Tools</b>	<b>Innovative Analytical Procedures &amp; Tools</b>	<b>Watershed Partnerships</b>	<b>New Tools and Approaches for Planning</b>
<b>MODERATOR</b>	<b>Mark Hammond, LRH</b>	<b>Terry Birkenstock, MVP</b>	<b>Lillian Almodovar, HQ</b>	<b>Bev Getzen, HQ</b>	<b>Darrell Nolton, IWR</b>
<b>BREAKOUT ROOM</b>	<b>Maryland - D</b>	<b>Maryland - C</b>	<b>Pride of Baltimore (6th Flr)</b>	<b>Maryland - F</b>	<b>Gibson (6th Flr)</b>
<b>WEDNES- DAY 14 APRIL 3:30 - 5:00 TOPICS/ SPEAK- ERS</b>	Submerged Cultural Resources and Water Resources Management (Roemer, MVM)	Stream Restoration or Stormwater Management: Setting Priorities in Urban Watersheds (Bliersch, NAB)	Risk Analysis Model for Hurricane and Storm Damage Reduction (Moser, IWR)	Collaborative Economics: Lower Snake Juvenile Salmon Migration Study (Fredericks, NWD; Woodruff, NWD)	Economic Impacts of Recreation Activities at Oregon Coastal and River Ports (Chang, ERDC)
	Environmentally Sensitive Navigation Solutions: Jim Smith Lake (McLean, SWL)	Clear Creek Watershed and Flood Damage and Ecosystem Restoration Study (Catanzaro, SWG; Heinly, SWG; Webb, ERDC; Burkes-Copes, ERDC)	New Insights into Erosion Damage Curves from Hurricane Isabel (Cohen, SAW)	Sustainable Rivers Project: A Collaboration Between The Nature Conservancy and USACE (Hickey, IWR-HEC)	Economic Value and Environmental Significance of the Lower Mississippi River and its Tributaries (Sundeen, MVM)
	Navigation Information Sharing: State and Basin Profiles for Inland Waterway Commerce (Grier, IWR; Ash)	Successes in Adaptive Management and Monitoring Corps-wide (Pugh, NAB)	The National Ocean Economics Project (Adkins, NOAA)	Building Partnerships for Watershed-Friendly Development (Olsenius, SE Regional Watershed Forum Director)	Bloomsburg Local Flood Protection: Missed Ecosystem Restoration Opportunities (Trulick, NAB)
	Non Structural Measures and Ohio River Navigation System Optimization (Frechione, LRP)	Successes in Adaptive Management and Monitoring Corps-wide (Continued) (Pugh, NAB)	HEC-FDA Flood Damage Reduction Updates (Needham, IWR-HEC)	Partnerships as a Program Delivery Network (Hubbard, NAE)	Environmental Operating Principles: The Tribal Perspective (Karnish, NWW)

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<b>SESSION VI TOPIC</b>	<b>Other Happenings in Navigation</b>	<b>Innovative Analytical Procedures &amp; Tools</b>	<b>Innovative Analytical Procedures &amp; Tools</b>	<b>Integrated Water Resources Management &amp; Sustainability</b>	<b>Innovative Analytical Procedures &amp; Tools</b>
<b>MODERATOR</b>	David Grier, IWR	Tom Swor, LRN	Mitch Laird, LRL	Leigh Skaggs, SAJ	Dave Tazik, ERDC
<b>BREAKOUT ROOM</b>	Maryland - D	Maryland - C	Pride of Baltimore (6th Flr)	Maryland - F	Gibson (6th Flr)
<b>THURS- DAY 15 APRIL 1:30 - 3:00 TOPICS/ SPEAK- ERS</b>	Improving Economic Analysis of Small Boat Harbors (Harper, POA)	Mahoning River, OH Environmental Dredging Study (Rozzi, LRP)	"How things don't happen" in the Plan Formulation (Fitzgerald, Harris County)	Developing Criteria for Selecting Ecosystem Restoration Sites (Newman, SWF; S. Hunt, SWG)	LASER-Scanning Technology for 3-D Representations (Daniel, ERDC)
	Vessel Operating Costs - Shallow Draft (Matheny-Katz, ASA-CW; Mathis, IWR)	Interim Results of Post-Construction Monitoring, Lower Savannah River Environmental Restoration Project (Bailey, SAS)	Using ARC/GIS to Link SWMM to HEC-FDA (Laird, LRL; Tri)	Hydraulic and hydrologic considerations in environmental restoration and watershed projects (R. Hunt, MVM)	Planning Level Cost-Benefit Analysis for Physical Separation at Confined Disposal Facilities (Heisey, IWR; Hofseth, IWR)
	Vessel Operating Cost - Deep Draft (Jessel, MSI Inc.)	Economic Benefits from Ecosystem Restoration Projects: Illustration with Oysters (Schulte, NAO; Henderson, ERDC)	Technological Applications for Inventory of Floodplain Areas (Bluhm, MVP; Weiss, URS)	Revitalization of USACE Projects (William Holliday)	A Framework for Risk Analysis for Ecological Restoration Projects in the USACE (Hofseth, IWR; Thom, Battelle; Diefenderfer, Batelle)
	Engineering Reliability Analysis Modelling for Critical Navigation Infrastructure (Schaaf, LRL)	El Rio Antiguo: A Case Study of the Assessment of Ecosystem Restoration Success using HGM (Bergmann, SPL; Burks-Copes, ERDC; Webb, ERDC)	Development of Project Specific Depth-Damage Relationships (Lovetro, MVN; Maestri, MVN)	Integrated Water Resources Mgmt: Definitions and Principles, Impediments and Solutions (Cardwell, IWR)	Modern Transportation Flood Impact Analysis (Giba, LRC)

## CORPORATE ISSUES

SESSION VII TOPIC	REVIEW PROCESS AND ISSUES	PLANNING EXCELLENCE PROGRAM	SUBMERGED AQUATIC VEGETATION	NAVIGATION EVALUATION FORUM	NAS STUDY ROUNDTABLE DISCUSSION
MODERATOR	Patricia Mutschler, HQUSACE	Russ Rangos, HQUSACE	Barbara Cintron, SAJ	Keith Hofseth, IWR	Harry Kitch, HQUSACE
BREAKOUT ROOM	Maryland - D	Maryland - C	Pride of Baltimore (6th Flr)	Maryland - F	Gibson (6th Flr)
<b>THURS- DAY 15 APRIL 3:30 - 5:00 TOPICS/ SPEAK- ERS</b>	<p>The <b>project review process</b> has changed substantially in recent years, and continues to develop. This session will involve discussion of these changes (including independent review, delegation of authority, and vertical integration), with emphasis on <b>how understanding the review process can help you and your project team be more successful</b>. Representatives from HQUSACE and ASA-CW will lead an open discussion.</p>	<p>The <b>Planning Excellence Program</b> has a number of initiatives to improve Planning and Professional Development opportunities. This session will include a summary of the <b>Planning Models Improvement Program (PMIP)</b>, interactive discussions and <b>one-on-one conversations with past participants regarding Planning Associates, Masters Program, Planner's Core Curriculum</b>, and other PEP initiatives.</p>	<p><b>Mini strategic workshop on issues related to Submerged Aquatic Vegetation (SAV)</b> restoration, including programmatic and technical aspects of SAV efforts in the Chesapeake Bay and associated multi-agency national research and development activities. New technologies, cost-effectiveness, and applicability of the research to other parts of the country will be addressed.</p>	<p>The Corps has placed a high priority on <b>improving its tools and techniques for evaluating investments in Navigation Projects</b>. This forum will discuss current initiatives under the Navigation Economic Technologies (NETS) research program, recent model improvements (incl. HARBORSYM), and updates from the Navigation Data Center. Principals from these efforts will make presentations and lead discussions and Q &amp; A.</p>	<p><b>Roundtable discussion of several key recommendations from the NAS Section 216 panel reports</b>. What are the recommendations, how might they be implemented, what are the implications and ramifications within the Corps and across agencies? <b>Discussion will include NAS panel chairs and staff, senior planners from HQ, and the MSC Planning Chiefs.</b></p>